



# City of Conway Transportation Department

# ANNUAL REPORT

FY 2021

*Published 1/6/2021, Items marked with an asterisk will be updated in February, after all 2021 expenses and revenues have been processed by the finance department.*

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# GENERAL DESCRIPTION

## General Description

### MISSION STATEMENT

To provide professional, courteous services to the citizens of Conway, and bring value, efficiency, and quality to municipal operations through precision, discernment, and dedication.

### VISION STATEMENT

To provide the safest, most efficient transportation and storm water infrastructure systems in the state to every resident and visitor of Conway.

### PRIMARY FUNCTIONS

The City of Conway Transportation Department is solely responsible for maintaining over 365 miles of local roadways and approximately 60 traffic signals. In addition, the department provides engineering and construction inspection services for other departments within the City of Conway.

### STAFF

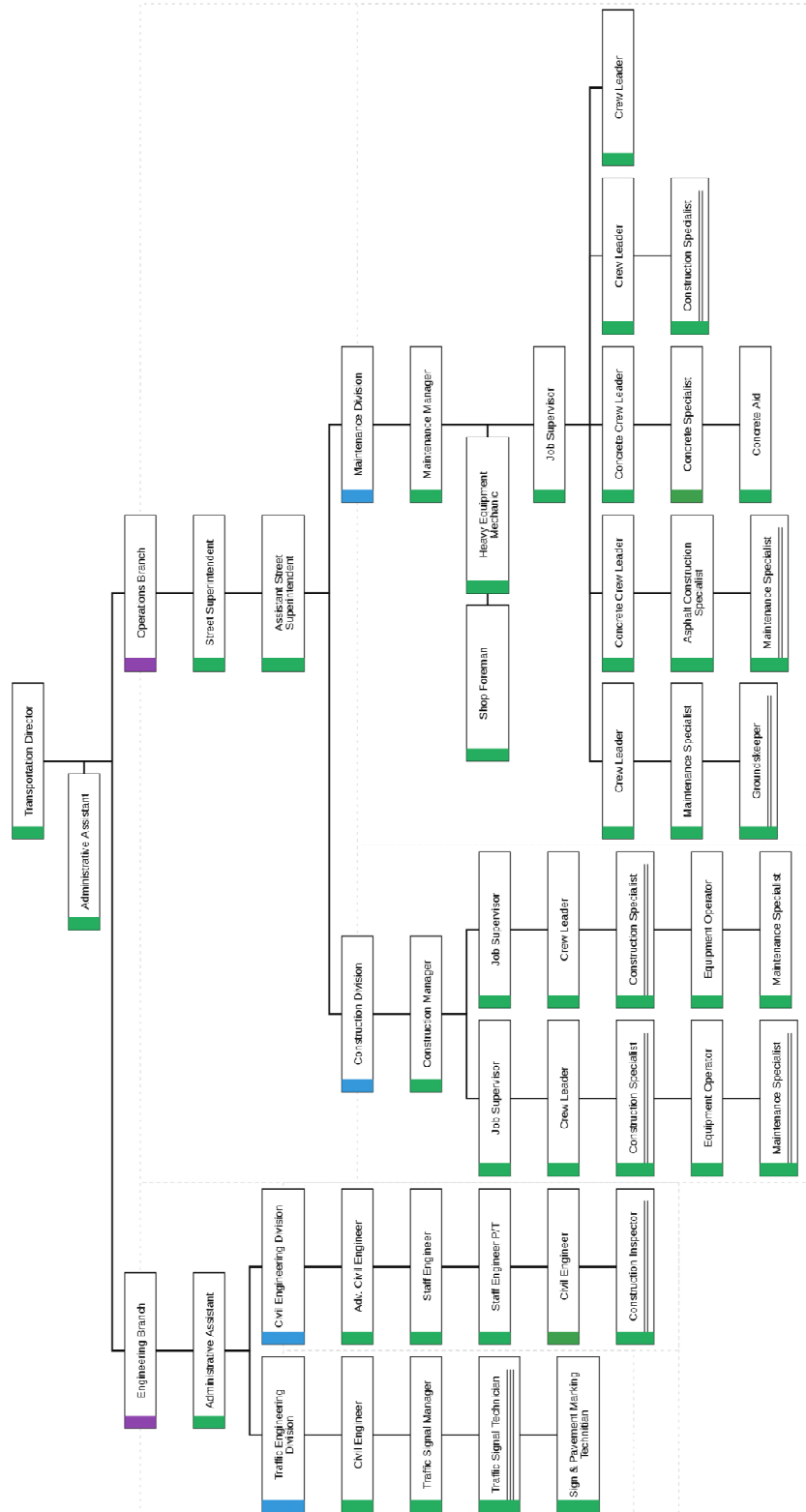
50 positions (forty-nine full-time, one part-time) were authorized for the Transportation Department for the subject year. An organizational chart is provided on the following page. These positions were categorized into the following sections:

#### DEPARTMENTAL DIVISIONS

DIVISION	# OF EMPLOYEES
Administration	5
Engineering	6
Traffic	6
Construction	14
Maintenance	19

It should be noted that due to a lack of applicants not all these positions were filled during the entire year. In addition to the positions noted above, one contract employee provided construction inspection services.

# GENERAL DESCRIPTION



Confidential - Property of City of Conway Transportation Department

# GENERAL DESCRIPTION

## HIGHWAY TURNBACK FUNDS REPORTING

All information necessary to satisfy the City of Conway's annual reporting requirements to the Secretary of the Department of Finance and Administration in accordance with A.C.A. 26-64-104 is contained within this document and highlighted in yellow; specifically,

- "Amount of revenues received under this chapter" (A.C.A 19-5-601).
- "Expenditures made from the revenues received under this chapter" (A.C.A. 19-5-601); and
- "Projects funded using revenues received under this chapter." (A.C.A. 19-5-601)

# STREET FUND

## Street Fund

### REVENUE

Below is a summary of revenue for the subject fiscal year as of the date of publication of this report. For more information, please contact the Finance Department.

REVENUE		
SOURCE	BUDGETED	ACTUAL
Ad Valorem Tax	\$1,400,000.00	\$1,466,750.45
Sales Tax	\$280,000.00	\$316,408.16
State Tax Turnback – Gasoline	\$2,700,000.00	\$2,559,105.26
State Tax Turnback – Sales	\$1,440,000.00	\$1,500,832.23
State Tax Turnback – Wholesale	\$360,000.00	\$357,013.58
Severance Tax	\$0.00	\$125,025.33
Payments in Lieu of Tax	\$6,000.00	\$0.00
Licenses and Permits	\$0.00	\$0.00
Sign Permits	\$0.00	\$900.00
Engineering Fees	\$15,000.00	\$18,750.00
Interest Income	\$72,000.00	\$69,410.21
State Grant Revenues	\$0.00	\$0.00
Transfers from other funds	\$0.00	\$0.00
Insurance Proceeds	\$1,440.00	\$1,440.00
Fund Balance Appropriation	\$50,943.00	\$0.00
Federal Grant Revenues	\$0.00	\$0.00
Proceeds from Sale of Assets	\$48,054.99	\$63,255.99
Miscellaneous Revenues	\$0.00	\$2,592.37
<b>TOTAL</b>	<b>\$6,371,998.29*</b>	<b>\$6,479,868.58</b>

The underlined funding sources shown above indicate state funds. The percentage of the Street Fund that was comprised of state funds for the subject fiscal year (as of the date of publication) was 70.62% of budgeted revenue and 70.09%\* of actual revenue.

# STREET FUND

## EXPENSES

The summary below reflects all expenditures processed for the subject fiscal year as of the date of publication of this report. The categories listed are those requested by the Arkansas State Bureau of Legislative Research.

### EXPENDITURES (STATE CATEGORIES)

CATEGORY	BUDGETED	ACTUAL
Bicycle Paths	\$0.00	\$0.00*
Bridges	\$0.00	\$0.00*
Drainage Maintenance	\$0.00	\$0.00*
Highways	\$0.00	\$0.00*
Hot Mix, Asphalt, Gravel, Concrete, Paint, Steel	\$1,472,656.00	\$1,143,235.33*
Intelligent Transp. Systems	\$0.00	\$0.00*
Intermodal Facilities	\$0.00	\$0.00*
Other Surface/Water Transp.	\$0.00	\$0.00*
Parking Facilities	\$0.00	\$0.00*
Pedestrian Ways	\$0.00	\$0.00*
Port Authorities	\$0.00	\$0.00*
Public Transit Systems	\$202,00.00	\$202,000.00*
Railroads	\$0.00	\$0.00*
Roads/Streets	\$4,439,869.30	\$2,895,980.92*
Safety Improvements	\$48,000.00	\$162,967.89*
Sidewalks	\$200,000.00	\$98,453.57*
Lighting/Right of Way Maint.	\$175,000.00	\$175,000.00*
Toll Facilities	\$0.00	\$0.00*
Traffic Mgmt. Systems	\$0.00	\$0.00*
Traffic Signal Systems	\$200,000.00	\$133,747.69*
Trails	\$128,461.00	\$66,660.99*
Traveler Information Systems	\$0.00	\$0.00*
Tunnels	\$0.00	\$0.00*
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$0.00*</b>

# MAJOR PROJECT FUNDING

## Major Project Funding

### STREET SALES AND USE TAX

The summary below reflects total revenue, expenditures, and budget of the Street Sales and Use tax for the subject fiscal year as of the publication date of this report.

#### SUMMARY

REVENUE	EXPENDITURES	BUDGET
\$6,344,939.69*	\$4,072,083.33*	\$12,064,479.00

Most of the expenditures from the subject fiscal year funded the Donaghey Avenue improvement project. Remaining revenue will be carried forward to fund the continuation of the Donaghey Avenue improvements, Salem Road Bridge Reconstruction, Salem Road Improvements, and commitments to ARDOT for the Harkrider Street improvements, and Dave Ward Drive improvements.

### PAY AS YOU GO SALES TAX

The summary below reflects all revenues and expenditures processed during the subject fiscal year as of the date of publication of this report.

#### SUMMARY

REVENUE	EXPENDITURES	BUDGET
\$5,146,188.04*	\$2,414,397.63*	\$6,478,256.00

During the subject fiscal year, the Pay-As-You-Go sales tax primarily funded the reconstruction of Markham Street and the redevelopment of the old scrapyard. Remaining revenue will be carried forward to fund commitments to ARDOT for the improvement of the Harkrider and Robins traffic signal and the construction of the Hogan and Old Morrilton roundabout. For a detailed accounting of the Pay-As-You-Go account, please contact the Finance Department.

### IMPACT FEE

The summary below reflects total revenues, expenditures, and balance of the Impact Fee account for the subject fiscal year as of the publication date of this report.

#### SUMMARY

REVENUE	EXPENDITURES	BALANCE
\$554,432.37*	\$23,747.80*	\$1,651,594.08*



# MAJOR PROJECT FUNDING

The Impact Fee fund is generally used to fund intersection improvements such as converting signalized intersections to roundabout operation. The Tyler & Salem roundabout construction will commence as soon as utility relocation has completed. For more information, please contact the Finance Department.

## STORMWATER FUND

The summary below reflects the revenue, expenditures, and balance of the stormwater fund as of the date of publication of this report.

SUMMARY		
REVENUE	EXPENDITURES	BALANCE
\$2,406.33*	\$0.00	\$0.00*

The Stormwater fund, also known as the in-lieu detention fund, does not generally generate enough revenue for large projects. It was last used in 2016 to hire a consultant to research and write the necessary language for a stormwater utility.

## SIDEWALK FUND

The summary below reflects the revenue, and expenditures, and balance of the in-lieu sidewalk fund as of the date of publication of this report.

SUMMARY		
REVENUE	EXPENDITURES	BALANCE
\$39,555.12*	\$157,435.66*	\$0.00*

The sidewalk fund was last used to aid in the construction of the Tyler Street sidewalk from Gatlin park to Washington Avenue.

# CONSTRUCTION PROJECTS

## Construction Projects

The COVID-19 pandemic led to an extreme shortage in materials and personnel. This severely effected out ability to hire both employees and contractors. As a result, far fewer construction projects began in 2021 than in previous years.

### STREET CREW PROJECTS

- **Woodland Springs Drainage Improvements** – *Nicole Circle* – This much-needed drainage improvement project was completed in 2021 at a cost of \$41,080.97\*. Funding was provided by the Street Fund. <https://conwayarkansas.gov/transportation/projects/#project-20-121>
- **Hillman Street Reconstruction** – *Donaghey to Davis* – Construction was completed in 2021 at a cost of \$228,527.38\*. Funding is provided by the Street Fund. <https://conwayarkansas.gov/transportation/projects/#project-19-125>
- **Frisco Lane Drainage Improvement** – *Centennial Valley* – This drainage improvement project was completed in 2021 at a cost of \$53,627.51\*. Funding was provided by the Pay as you go sales tax. <https://conwayarkansas.gov/transportation/projects/#project-20-134>
- **Lee Andrew Lane Improvement** – *Prince Street to County Line* – The reconstruction and improvement of Lee Andrew was completed in 2021 at a cost of \$156,010.03\*. Funding was provided by the Street Fund. <https://conwayarkansas.gov/transportation/projects/#project-21-110>
- **Augusta Ave** – *Louvenia to Ada* – This gravel road was paved in 2021 at a materials cost of \$19,449.22\*. Funding provided by the Street Fund. <https://conwayarkansas.gov/transportation/projects/#project-21-111>
- **Elm Street** – *Locust to College* – Improvement began on this road in 2021. \$38,010.50\* was spent in the subject fiscal year. Funding provided by the Street Fund. <https://conwayarkansas.gov/transportation/projects/#project-21-114>

### PRIVATE CONTRACTOR PROJECTS

- **MLK Square** – *Old Scrapyard* – Crow Paving, Inc. broke ground on this much anticipated stormwater quality improvement project in 2021. Construction costs totaled \$643,628.39\* in Pay-As-You-Go funding for the subject fiscal year. Construction is expected to be completed next year. <https://conwayarkansas.gov/transportation/projects/#project-15-117>
- **Markham Street Improvements** – *Spruce to Van Ronkle* – Fureigh Heavy Construction substantially completed this project in 2021. \$70,7348.29\* was paid for work performed on this project in the subject fiscal year. This sum does not include grant reimbursements\*. <https://conwayarkansas.gov/transportation/projects/#project-13-114>
- **Donaghey Avenue Improvements** – *Prince to Dave Ward* – Phase 1, Dave Ward to College, was substantially completed by Weaver Bailey Contractors in 2021. A total of \$3,128,075.96\* was billed by the contractor in the subject fiscal year. In addition, Total Landscape Solutions provided irrigation

# CONSTRUCTION PROJECTS

repair services at a cost of \$25,065.65 and Snyder Environmental performed necessary asbestos inspection and abatement at a cost of \$13,004.00. Funding was provided via the Street Sales and Use Tax. <https://conwayarkansas.gov/transportation/projects/#project-18-110>

- **Tyler Street Improvements – Sena to Washington** – Rogers Group completed this project in 2021, which consisted of an asphalt overlay and sidewalk improvements along Tyler Street. A total of \$148,232.35 was billed in the subject fiscal year. Funding was provided via the Sidewalk in-lieu fund. <https://conwayarkansas.gov/transportation/projects/#project-18-125>

# MAINTENANCE ACTIVITIES

## Maintenance Activities

### ROADWAY MAINTENANCE

In an effort to complete all the improvement projects assigned to Street Department work crews by the City Council for the subject fiscal year, very few personnel and equipment were available for routine street maintenance. Only asphalt patching, mowing of street right of way and sweeping activities were performed daily. All other equipment and personnel were engaged full time on the designated street reconstruction projects listed in the previous section of this report.

Operating with a lean staff often creates situations wherein repair and maintenance needs cannot be addressed immediately. Typically, work requests are handled on a first come, first serve basis. However, some requests take priority over others due to severity. The duties and responsibilities of this department could easily justify several additional positions and additional equipment. However, it has been our practice to keep staffing levels to a minimum and reserve the maximum possible funding to address street reconstruction and street paving. Presently we have only the basic staff to address each of the key components of our responsibility, as listed in the remainder of this section.

### ASPHALT OVERLAYS

Asphalt overlays are an effective method of prolonging the life a roadway. The preparation of streets for asphalt paving required milling of the existing pavement prior to the placement of new pavement. An annual asphalt milling and paving contract was secured for the subject fiscal year with Rogers Group, and the work was supervised by the Transportation Department. The total amount billed by Rogers Group for the subject fiscal year for asphalt overlays was \$460,578.10\*.

### ASPHALT REPAIR

A three-man asphalt patching crew worked full time, removing and replacing pavement failures, filling pot holes, and assisting the Conway Corporation with street cut repairs. In addition, a \$19,500.00\* contract was secured during the subject year with Velocity Roads for large scale pavement repairs.

### RIGHT OF WAY MAINTENANCE

Street department personnel address maintenance issues within the street right of way on an as-needed basis as time allows. Common maintenance issues include tree trimming, repair of broken curbs and inlets, debris removal, and minor drainage issues.

Trees are trimmed by department personnel to ensure proper lines of sight with signs and other vehicles if possible. If a dead tree within the street right of way poses a safety risk, a contract is secured with a tree cutting service for removal.

# MAINTENANCE ACTIVITIES

## SIDEWALK MAINTENANCE

Beginning in 2019 the Transportation department began devoting significant attention to the repair of the sidewalks in the Old Conway area. Labor was provided by JCI Construction, Inc., and Precision Safe Sidewalks Inc. Materials were provided by Mallard Ready Mix, SRM Concrete LLC, and Culverts Plus Inc. Sidewalks in the following locations were repaired or replaced in 2021.

- **Locust Street – Caldwell to Gavin – \$64,227.98 –**  
<https://conwayarkansas.gov/transportation/projects/#project-20-129>
- **Oliver Street – Bruce to College – \$8,143.47**

## EMERGENCY RESPONSE

Utilizing three snow plows, two sand spreaders, and a motorgrader, the street department personnel responded to emergency call out duties when a winter weather event created hazardous driving conditions on City Streets. The snow plows were utilized to remove the snow and slush from arterials and collectors to speed the clearing of the material from the roadway. The spreaders distributed sand and salt on steep hills and major intersections to enhance traction and speed melting.

Street department personnel also respond when severe weather causes tree limbs or other debris to fall in the roadway. Generally, the debris is cut into manageable pieces using chainsaws, stacked on the side of the road, and retrieved the following day.

## TRAFFIC SIGNS AND PAVEMENT MARKINGS

The traffic division utilized sign making equipment to make and install street marker signs in new subdivisions as well as replacement warning and regulatory signs as they are stolen, faded, or destroyed. A contract was secured with Contractor Specialty Service to provide pavement markings associated with asphalt overlays. At a cost of \$14,063.10\*.

## MOWING STREET RIGHT OF WAY

While much of the street right of way within the city is maintained by adjacent landowners, there are still many miles of undeveloped land in town that must be mowed by the city to prevent accumulation of vegetation and maintain adequate lines of sight. Most of the mowing performed by the street department is on open ditch roadways in rural or undeveloped areas. Two men operating bush hogs dedicated themselves full time to mowing these areas.

A contract was secured with Olive Branch Landscape Management to maintain roundabout central islands, roadway medians, and sidewalk buffers at a cost of \$173,225.00\*. An ordinance requiring adjacent property owners to maintain ROW adjacent to their property would remove the need to mow sidewalk buffers and decrease this cost significantly.

# MAINTENANCE ACTIVITIES

## STREET SWEEPING

For most of the year two street sweepers were operating full time. One sweeper was primarily dedicated to keeping bike lanes free of debris, while the other one focused on the rest of the city. Sweepers were run overtime from September until December to aid in the removal of accumulated leaves and grass from roadway gutters.

The department maintains two different types of street sweepers, a mechanical broom model, and a regenerative air model. The first excels at removing large debris, while the second cleans smaller and lighter debris with less mess. Ideally, these two sweepers would operate in tandem. However, they normally operate independently due to the size of our city. Increasing the department's fleet of sweepers would significantly increase the rate and efficiency of cleaning.

## DRAINAGE MAINTENANCE

Cleaning and repairing drainage ditches is essential to preventing blockages and upstream flooding problems. The most common request received from Conway's residents is for additional drainage maintenance. Unfortunately, there are several factors that prevent the department from adequately responding to these requests. First, personnel were only intermittently available for this type of maintenance when weather or other factors prevented them from working on construction projects. Additionally, much of this work is along narrow concrete or earthen channels between back yards, which significantly slows progress. Furthermore, many of the drainage ditches that require the most maintenance reside in drainage easements that are not part of the road right of way. As a result, maintenance of these easements is not a legitimate street fund expense according to state law. An alternate funding source, such as a drainage utility, is desperately needed to provide the necessary personnel and equipment necessary to adequately maintain the city's drainage easements.

Beginning in 2018, mulching of vegetation along major streams and waterways within the city began to decrease the potential for flooding. After an area is mulched by the Transportation Department crews, the vegetation is kept at bay by means of chemical weed control. For the subject fiscal year, Arkansas Weed & Brush was contracted to provide this service at a cost of \$25,890.50\*.

## Engineering Services

### DESIGN, CONSTRUCTION ENGINEERING, UTILITY COORDINATION, ROW ACQUISITION, ETC.

Design, project management, construction engineering, right-of-way acquisition, utility coordination and quality control were provided for all projects constructed by Transportation Department work crews. For transportation and drainage projects let to private contractors, project management, contract administration, utility coordination, right-of-way acquisition, and review of project quantities and pay estimates were generally provided. Additionally, civil design, including plans, specifications, and bid documents as well as construction engineering, were generally provided for all projects except those that included federal funding.

Approximately 25 miles of state highways are located within Conway's city limits. As a result, coordination with the Arkansas Department of Transportation is necessary regarding any updates to the state highway system. In addition, the City Engineer represents the city on Metroplan's Technical Coordinating Committee. Coordination with Metroplan, Central Arkansas' metropolitan planning organization, is essential regarding any projects receiving federal funds. Utility coordination with the Conway Corporation as well as other utility companies is also required on many projects to ensure that conflicts are avoided wherever possible. Lastly, coordination with property owners is often required when acquiring right-of way for improvements.

Engineering services as described were provided for the projects listed below during the subject fiscal year:

- **Harkrider & Robins – Intersection Improvement** – ARDOT signal improvement partnering project – <https://conwayarkansas.gov/transportation/projects/#project-10-112>
- **Markham Street Improvements – Spruce to Van Ronkle** – Phase 1 of a Metroplan grant was recently completed – <https://conwayarkansas.gov/transportation/projects/#project-13-114>
- **Dave Ward Drive Adaptive Signal Control System – Hogan to I-40** – Metroplan grant – <https://conwayarkansas.gov/transportation/projects/#project-13-116>
- **Markham Town Square – Old Scrapyard** – Arkansas Natural Resources Commission grant, which let in 2021 – <https://conwayarkansas.gov/transportation/projects/#project-15-117>
- **Stone Dam Creek Trail – Mimosa to Donaghey** – Funding provided by a \$453,000 in ARDOT RTP grants as well as parks impact fee. Scheduled to let 2021 – <https://conwayarkansas.gov/transportation/projects/#project-17-110>
- **Oak Street Adaptive Signal Control System – Harkrider to E. German** – Metroplan grant – <https://conwayarkansas.gov/transportation/projects/#project-17-118>
- **Hogan & Hwy 64 – Intersection Improvement** – ARDOT partnering project – <https://conwayarkansas.gov/transportation/projects/#project-17-115>
- **Highway 65B Traffic Study – Harkrider to I-40** – ARDOT partnering project – <https://conwayarkansas.gov/transportation/projects/#project-18-104>

# ENGINEERING SERVICES

- **Highway 64/65 Connector Study** – *County* – ARDOT partnering project – <https://conwayarkansas.gov/transportation/projects/#project-18-105>
- **Donaghey Avenue Improvements** – *Prince to Dave Ward* – Construction of phase 1, Dave Ward to College, began in 2020. Phase 2 construction is scheduled to begin 2022 – <https://conwayarkansas.gov/transportation/projects/#project-18-110>
- **Salem Road Bridge** – *Tucker Creek* – A \$3,000,000 Metroplan grant was awarded in late 2020, construction scheduled to begin by early 2022 – <https://conwayarkansas.gov/transportation/projects/#project-18-120>
- **Tyler Street Improvements** – *Sena to Washington* – Designed in 2019 and completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-18-125>
- **Kinley Trail Expansion** – *Hogan to Lollie* – Future grant project – <https://conwayarkansas.gov/transportation/projects/#project-18-143>
- **I-40 Interchange Improvements** – *Highway 65* – ARDOT project – <https://conwayarkansas.gov/transportation/projects/#project-18-156>
- **Harkrider Sidewalk** – *Bruce to Robins* – Metroplan grant awarded 2020 – <https://conwayarkansas.gov/transportation/projects/#project-19-110>
- **Salem & Tyler** – *Roundabout Installation* – Utility relocations began in 2020 – <https://conwayarkansas.gov/transportation/projects/#project-19-114>
- **Salem Road Improvements** – *College to Dave Ward* – Preliminary design plans prepared in 2020, construction to begin as funding allows – <https://conwayarkansas.gov/transportation/projects/#project-19-120>
- **Nutters Chapel Road Improvements** – *Wineberry to TJ* – Preliminary design plans prepared in 2020, construction to begin as funding allows – <https://conwayarkansas.gov/transportation/projects/#project-19-121>
- **Nutters Chapel Road Improvements** – *Mattison to Pebble Beach* – Preliminary design plans prepared in 2020, construction to begin as funding allows – <https://conwayarkansas.gov/transportation/projects/#project-19-122>
- **Hillman Street Reconstruction** – *Donaghey to Davis* – Construction was completed in 2021 – <https://conwayarkansas.gov/transportation/projects/#project-19-125>
- **Oak & Faulkner Plaza Signal Modification** – *Intersection* – Construction was completed in 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-102>
- **College Sidepath** – *Salem to Farris* – ARDOT grant awarded in 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-103>
- **Tyler Street Crossing** – *Tucker Creek* – Preliminary design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-117>
- **Woodland Springs Drainage Improvements** – *Nicole Circle* – Construction completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-121>



# ENGINEERING SERVICES

- **York/Eggman Drainage Improvements** – *Unnamed Creek* – Preliminary design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-123>
- **Downtown Drainage Study** – *Area* – FEMA grant application submitted 2020 – <https://conwayarkansas.gov/transportation/projects/> Job #: 20-125
- **Oak & Ingram Drainage Improvements** – *Intersection* – Construction completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-126>
- **Locust Street Sidewalk** – *McKay to Bruce* – Construction completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-129>
- **Stone Dam Creek Bridge Replacement** – *Sewer Treatment Plant* – Construction completed in 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-132>
- **Shamrock & Robinwood Pavement Repair** – *Intersection* – Construction completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-20-133>
- **Frisco Lane Drainage Improvements** – *Cul-de-sac* – Construction completed 2021 – <https://conwayarkansas.gov/transportation/projects/#20-134>
- **Willow Street & Garland Street** – *Spencer to Markham* – Future grant project – <https://conwayarkansas.gov/transportation/projects/#project-20-135>
- **Farris Road Extension** – *Spencer to Markham* – Conceptual design completed 2020 – <https://conwayarkansas.gov/transportation/projects/#project-20-137>
- **College & Farris** – *Roundabout* – Engineering began 2021 – <https://conwayarkansas.gov/transportation/projects/#project-19-115>
- **Oak & Parkway** – *Locust to RR & Oak to Main* – Engineering began 2021 – <https://conwayarkansas.gov/transportation/projects/#project-18-113>
- **Lee Andrew Lane** – *Locust to RR & Oak to Main* – Construction completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-21-110>
- **Elm Street** – *Locust to College* – Construction began 2021 – <https://conwayarkansas.gov/transportation/projects/#project-21-114>
- **Court Street** – *Oak to Main* – Utility relocation to begin ASAP – <https://conwayarkansas.gov/transportation/projects/#project-20-128>
- **Jim Stone Safety Improvements** – *College Ave* – Completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-21-113>
- **Donaghey & Robinson** – *Traffic Study* – Completed 2021 – <https://conwayarkansas.gov/transportation/projects/#project-21-103>
- **Reedy Road Sidewalk** – *Castlegate to Sylvia Springs* – Construction began 2021 – <https://conwayarkansas.gov/transportation/projects/#project-21-124>
- **College RRFB** – *Western* – Construction to begin 2022 – <https://conwayarkansas.gov/transportation/projects/#project-21-118>
- **FCL RRFB** – *Tyler St* – Construction to begin 2022 – <https://conwayarkansas.gov/transportation/projects/#project-21-122>

# ENGINEERING SERVICES

- **Wayfinding Signage** – *Phase 1*– Construction to begin early 2022
- **Towne Center Access** – *Lower Ridge Rd*– ROW acquisition to begin 2022

## DEVELOPMENT REVIEW SERVICES

Engineering services were provided to the planning department for the review of all preliminary plats, final plats, and development plans to ensure compliance with federal, state, and local requirements as well as sound engineering design. Design review was completed for the following projects during the subject fiscal year:

- |  |                                      |
|--|--------------------------------------|
| • <b>Conway Christian School Expansion</b> | • <b>7Brew</b>                       |
| • <b>New Conway Bodyshop</b>               | • <b>New Carl Stuart Parking Lot</b> |
| • <b>Interstate Trailer</b>                | • <b>Conway Emergency Shelter</b>    |
| • <b>East German Storage</b>               | • <b>New Airport Hangar</b>          |
| • <b>Triple C Remodel</b>                  | • <b>Hines Automotive</b>            |
| • <b>New Covington Building</b>            | • <b>Caliber Collision</b>           |
| • <b>New CARTI Parking Lot</b>             | • <b>Rogers Group Office</b>         |
| • <b>BMA Lifeword</b>                      | • <b>Ivy Place Ph2</b>               |
| • <b>Splash Carwash</b>                    | • <b>Lake Crest Ph2</b>              |
| • <b>Car Choice</b>                        | • <b>Land's End Subdivision</b>      |
| • <b>Switchback Parking Lot</b>            | • <b>South Sterling Ph2</b>          |
| • <b>Hogan lane Storage</b>                | • <b>Bell Valley Ph3</b>             |
| • <b>Motorsports Authority</b>             | • <b>Robynmar Ph4</b>                |
| • <b>First Community Bank</b>              | • <b>Bell Valley Ph2</b>             |
| • <b>Shadrach's Coffee</b>                 | • <b>Millers Creek Ph2</b>           |
| • <b>Clifton Townhomes</b>                 | • <b>Oak Grove PUD</b>               |
| • <b>Discount Auto Glass</b>               | • <b>Robynmar Ph3</b>                |
| • <b>Bancorp South</b>                     | • <b>Bell Valley Ph1</b>             |
| • <b>New Life Storage Building</b>         | • <b>Lake Crest Subdivision</b>      |
| • <b>Courtyard Marriot</b>                 | • <b>The Wood's Subdivision</b>      |
| • <b>St Joe Highschool Addition</b>        | • <b>White Subdivision</b>           |
| • <b>College Ave Home Reuse</b>            | • <b>Breeding Subdivision</b>        |

Upon completion, all improvements were or will be inspected by the Transportation Department to ensure compliance with the approved plans and specifications. A total of 15 private developments were inspected for compliance during the subject fiscal year.

# ENGINEERING SERVICES

## SUBDIVISION CONSTRUCTION INSPECTION

Construction inspection and observation was provided for all subdivisions developed by private developers ensure that all required improvements were completed in accordance with plans and specifications as approved by the planning and engineering departments. These services were provided for the majority of the projects listed in the development review list above, as well as some project from the previous year.

## STORM WATER POLLUTION PREVENTION

Engineering services as required by the Arkansas Department of Environmental Quality's NDPES Small MS4 General Permit No ARR040000 were provided by the engineering department. This permit authorizes the city to discharge storm water into approved receiving waters of the state. Requirements of this permit include:

- Annual Reporting
- Construction site inspection to monitor storm water runoff
- Maintain pollution prevention best practices for municipal operations

Storm Water Pollution Prevention Plans were developed and submitted to ADEQ for major construction projects within the City in compliance with this permit. In addition, and assistance was provided to the Code Enforcement Department regarding properties that were in violation of this permit.

## FLOODPLAIN MANAGEMENT

The engineering staff provides Floodplain Management services as required by the city's Floodplain Development Ordinance and FEMA. These services included consideration of floodplain development permits and responding to public inquiries regarding information provided on floodplain maps. In addition, engineering staff monitors development in an effort to prevent unpermitted development within the floodplain.

## TRAFFIC SERVICES

Inspection and maintenance of the approximately 60 signalized intersections in Conway were provided by three full-time employees with oversight from the city engineer. This effort involves the repair or replacement of electrical components as required as well as routine updating of signal timing parameters. In addition, these employees provided routine maintenance of all signage and pavement marking within the city.

## TRAFFIC CALMING

Upon receiving a completed resident application, traffic counting equipment was placed and reports were produced indicating traffic volume and speed at locations where traffic calming was being considered. At locations approved by the Traffic Engineer, the following traffic calming devices were installed during

# ENGINEERING SERVICES

the subject fiscal year. Underlined locations indicate funding was provided by the City of Conway at other locations, funding was provided by the POA, neighborhood association, or adjacent property owners.

- **Catherine Place** – *Raymond Dr* – Speed hump
- **Marlise Manor** – *Wilmington Dr* – Speed hump
- **Hensley Subdivision** – *Dendron St*– Speed Hump

## ALTERNATIVE TRANSPORTATION

Providing or encouraging alternate forms of transportation is an important goal for both the City of Conway and this department. To this end, the city engineer serves as an ex officio member on the Bicycle and Pedestrian Advisory Board, which serves to advise the city on ways to remain an official bicycle-friendly, become an official walk-friendly community, and seek to achieve the federal and state goals of the safe routes to school program.

# IMPROVEMENT PROGRAM UPDATE SUMMARY

## Improvement Program Update Summary

### STREET SALES TAX PROJECTS

- **Donaghey Avenue Improvements** – *Prince to Dave Ward* – Phase 1 roadway construction was completed in 2021. Phase 2 is scheduled to begin in 2022.
- **Salem Road Bridge** – *College to Dave Ward* – Construction is scheduled to begin early 2022.
- **Salem Road Improvements** – *College to Dave Ward* – Design, which is funded by a Metroplan grant, began in 2021.
- **Dave Ward Improvements** – *Harkrider to I-40* – ARDOT began a traffic Study in 2018. Construction is scheduled to begin in 2024.
- **Harkrider Improvements** – *Oak to Bruce* – Design began in 2021. Construction is scheduled to begin in 2023.

### STREET FUND PROJECTS

- **Court Street** – *Oak to Main* – Construction should begin in 2022 pending utility relocation.
- **Chestnut Street** – *Oak to Deer* – Design began in 2021. Construction will begin immediately following the completion of court street, likely 2022 or 2023.
- **Oak Street** – *Locust to Front* – Utility relocation should commence in 2022 or 2023. Construction will proceed immediately following utility relocation, likely in 2024.
- **Locust Street** – *Caldwell to College* – Utility relocation should commence in 2023 or 2024. Construction will proceed immediately following utility relocation, likely in 2025.

### IMPACT FEE PROJECTS

- **Tyler & Salem** – *Roundabout Installation* – Utility relocation began early 2021. Construction should commence once utilities have been relocated.
- **College & Farris** – *Roundabout Installation* – Utility relocation should begin early 2022, with construction to follow immediately.

### PAY AS YOU GO PROJECTS

- **Oak Street Adaptive Signal Control System** – *Harkrider to E. German* – System Engineering and design began in 2019 and were completed in 2021. Construction should commence in 2022.
- **Markham Street Improvements** – *Van Ronkle to Mill* – Phase 1 construction began in 2019 and was completed in 2021. Phase 2 construction will begin as soon as ARDOT provides approval to bid.
- **Markham Town Square** – *Old Scrapyard* – Construction began in 2021 and should be completed in 2022.
- **Harkrider Sidewalk** – *Bruce to Robins* – Construction is scheduled to begin in 2022.

# IMPROVEMENT PROGRAM UPDATE SUMMARY

- **Harkrider & Robins** – *Intersection Improvement* – ARDOT design began in 2020. Construction is scheduled to begin in 2023.
- **Hogan & Hwy 64** – *Intersection Improvement* – ARDOT design began in 2020. Construction is scheduled to begin in 2022.
- **College Sidepath** – *College to Farris* – An ARDOT TAP grant was awarded in 2021. Construction should begin in 2022.
- **Middle Road Bridge** – *Gold Creek* – Design began in 2021. A future partnership with Faulkner County is anticipated to fund the construction, which should commence in 2022 or 2023.
- **Nutters Chapel** – *Mattison to Salem* – Final plans should be completed in 2021. Utility relocation and right-of-way acquisition should begin in 2023 and be completed in 2024. Construction will commence as funds become available, which is likely to be in 2024.
- **Nutters Chapel** – *Mattison to Pebble Beach* – Design should be completed in 2022. Utility relocation and right-of-way acquisition should begin in 2022 and be completed in 2023. Construction will commence as funds become available, which is likely to be in 2022 or 2022.

# CONTACT INFORMATION

## Contact Information

City of Conway  
Transportation Department  
<https://conwayarkansas.gov/transportation>  
501-450-6165